

CLAIM AMENDMENTS

Please amend claims 1 and 3-38 as follows:

1. (Currently Amended) A print-on-demand method for creating and reproducing at least one of a plurality of books by heterogeneous systems, said method comprising the steps of:

a) obtaining and generating digital book files representing at least one book of a plurality of books in a Common Normal Format (CNF), wherein the CNF comprises at least one ~~[[in]]~~ portable document format (PDF), job definition format (JDF), ~~[[and]]~~ scalable vector graphics (SVG) format, and similar solution-independent format encased within an Extensible Markup Language (XML) framework; ~~being further defined as formats, wherein said formats comprise a family of common normal format (CNF) files, retrieved from or sent to at least one of a memory, scanner and network, said book files including book identification information and book production information, wherein said book files are compiled into a digital representation of a book targeted for reproduction;~~

b) fashioning converting said book files to reflect attributes imposed by said JDF ~~reflecting attributes imposed by said JDF into a master book embodied in the CNF files that are reproduction system and solution independent;~~

c) ~~storing at least one of said~~ digital book files ~~family of CNF files in memory within a repository as a mastered book;~~

d) generating said at least one book from said book files utilizing hardware and software to shape said framework in order to accommodate solution-independence said book file formatting, directly, without conversion from an equipment dependent format through a bookbinding process as prescribed by a just-in-time production schema ~~determining if said at least one of the said family of CNF files need to be converted into equipment specific format files based on a book reproduction system to be utilized for reproduction and if conversion is~~

~~necessary, thereafter converting said at least one of said family of CNF files into said equipment specific format files that match the needs of said book reproduction system; and~~

~~(e) reproducing said book at said book reproduction system. within said just-in-time schema or as-needed basis, eliminating inventory overhead;~~

~~f) editing said book through imposition of pages and insertion of advertising of the at least one CNF book within the XML framework, wherein said editing being viewable on a viewing device and facilitated by having an editing instruction set encoded in JDF within said XML framework;~~

~~g) said editing instruction set accessible throughout an XML prepress pipeline shaped by said XML framework;~~

2. (Cancelled)

3. (Currently Amended) The method in Claim 1, wherein said at least one book in ~~step a)~~ is originally in the form of a hard copy, and ~~step a)~~ further comprises the steps of:

scanning the components of said at least one book; and converting scanned components of said book into said digital representation.

4. (Currently Amended) The method in Claim 1 ~~Claim 2~~, wherein said at least one book identification information within JDF comprises a [[the]] book title.

5. (Currently Amended) The method in Claim 1 ~~Claim 2~~, wherein said at least one book identification information within JDF comprises the book author.

6. (Currently Amended) The method in Claim 1 ~~Claim 2~~, wherein said at least one book identification information within JDF comprises the book publisher.

7. (Currently Amended) The method in Claim 1 ~~Claim 2~~, wherein said at least one book identification information within JDF comprises the International Standard Book Number.

8. (Currently Amended) The method in Claim 1 ~~Claim 2~~, wherein said at least one book identification information within JDF comprises the at least one book publishing date.

9. (Currently Amended) The method in Claim 1, ~~wherein step d)~~ further comprises the step of:

acquiring or generating hard copy book production information from JDF.

10. (Currently Amended) The method in Claim 9, wherein said at least one book production information within JDF comprises printing information.

11. (Currently Amended) The method in Claim 9, wherein said at least one book production information within JDF comprises binding information.

12. (Currently Amended) The method in Claim 1, ~~wherein step d)~~ further comprises the step of:

via a Raster Image Processor within the XML framework, creating a bitmap of a book block.

13. (Currently Amended) The method in Claim 1, ~~wherein step d)~~ further comprises the step of:

via a Raster Image Processor within the XML framework, creating a bitmap of a book cover.

14. (Currently Amended) The method in claim 13, ~~wherein step (d)~~ further comprises the step of: acquiring or generating hard copy book production information via JDF.

15. (Currently Amended) The method in Claim 1, wherein the method of claim 1 further discloses ~~for electronic books~~, said book production information within JDF comprises security information.

16. (Currently Amended) The method in Claim 1, wherein the method of claim 1 further discloses ~~[[for]] said at least one book~~ ~~electronic books~~, said book production information within JDF comprises viewing capabilities.

17. (Currently Amended) The method in Claim 1, wherein the method of claim 1 further discloses ~~[[for]] said at least one book~~ ~~electronic books~~, said book production information within JDF comprises printing capabilities.

18. (Currently Amended) The method in Claim 1, wherein the method of claim 1 further discloses ~~wherein step e) comprises for~~ ~~electronic books~~, the step of:

providing access to said at least one book via an electronic link to a data network.

19. (Currently Amended) The method in Claim 1, wherein the method of claim 1 further discloses ~~step e) comprises for~~ ~~electronic books~~, the step of:

delivering said at least one book to a predefined destination.

20. (Currently Amended) A print-on-demand system for creating and reproducing at least one of a plurality of books by heterogeneous reproduction workflows, said system comprising:

at least one of a scanner, memory and data network for obtaining book contents for a book targeted for reproduction;

a book file generator to generate a digital book file to distribute a digital representation of said at least one book, transmittable in the form of a Common Normal Format (CNF), wherein said CNF comprises of at least one of a portable document format (PDF), job definition format (JDF), ~~[[and]]~~ scalable vector graphics (SVG) format, and similar solution-independent formats within an

Extensible Markup Language (XML) framework, wherein all printing and viewing of said at least one book file is accomplished directly from said XML framework free from restraints of equipment-dependent formatting; —all said format being collectively termed family of common normal formats (CNF) in light of being reproduction system and solution independent within a reproduction process;

a CNF file converter to convert said book files into at least one of a CNF file of the family of CNF files that is reproduction system and solution independent;

a book file memory of said at least one book file of said at least one book within a repository to store a CNF file of the family of CNF files representing said at least one book targeted for reproduction as a mastered book; and reproduction hardware and software that can reproduce a solution-independent book file of said at least one book, from said book file generator, directly, without any said book file format conversion as prescribed by an efficient just-in-time production schema.

an equipment specific format (ESF) file converter to determine if the at least one of said CNF file need to be converted into the ESF file based on a book reproduction equipment to be utilized for reproduction and if conversion is necessary, thereafter to convert said CNF files into said ESF files matching the needs of said book reproduction equipment being utilized to reproduce said book; and

—a book reproducer to reproduce said book from information comprised by said ESF files.

21. (Currently Amended) The system in Claim 20, wherein the digital representation of said book in a pre-distribution phase is formed in at least one of the [[a]] PDF, SVG, and JDF format within the family of CNF formats XML framework, and downstream of said pre-distribution phase communication transmission formatting transitions to an SVG format, via standalone or existing applications, possessing a structural file format that increases versatility in manipulating online content beyond the PDF format capabilities, all encapsulated within an XML framework wherein said at least one solution-independent book file can be edited with content disposition and advertising within the XML framework irrespective of the project completion level.

22. (Currently Amended) The system in Claim 20, wherein said at least one book is originally in the form of a hard copy, and said book file generator further comprises:

a book scanner to scan the components of said at least one book; and

a scanned component converter to convert scanned components of said book into said digital representation.

23. (Currently Amended) The system in Claim 21, wherein said at least one book identification information comprises the book title.

24. (Currently Amended) The system in Claim 21, wherein said at least one book identification information comprises the book author.

25. (Currently Amended) The system in Claim 21, wherein said at least one book identification information comprises the book publisher.

26. (Currently Amended) The system in Claim 21, wherein said at least one book identification information comprises the International Standard Book Number.

27. (Currently Amended) The system in Claim 21, wherein said at least one book identification information comprises the book publishing date.

28. (Currently Amended) The system in claim 20, wherein said solution-independent XML framework ~~equipment-specific format converter~~ comprises:

a book production information generator to generate hardcopy book production information.

29. (Currently Amended) The system in Claim 28, wherein said at least one book production information comprises printing equipment information.

30. (Currently Amended) The system in Claim 28, wherein said at least one book production information comprises binding equipment information.

31. (Currently Amended) The system in Claim 21, wherein within said ~~equipment specific format converter~~ XML framework comprises: a Processor adapted to create a bitmap of the at least one book.

equipment specific format converter comprises:

a Raster Image Processor to create a bitmap of the at least one book ~~block~~.

32. (Currently Amended) The system in Claim 20, further comprising:

a Raster Image Processor to create a bitmap of ~~the~~ a book cover.

33. (Currently Amended) The system in claim 20, wherein linked to said solution-independent XML framework ~~equipment specific format converter~~ comprises:

a book production information generator to generate hardcopy book production information.

34. (Currently Amended) The system in Claim 28, wherein for said at least one book file ~~electronic books~~, said book production information within JDF comprises security information.

35. (Currently Amended) The system in Claim 28, wherein for said at least one book file ~~electronic books~~, said book production information within JDF comprises viewing capabilities.

36. (Currently Amended) The system in Claim 20, wherein for said at least one book file ~~electronic books~~, said book production information within JDF comprises printing capabilities.

37. (Currently Amended) The system in Claim 20 wherein said reproduction workflows ~~book reproducer~~ comprises ~~for electronic books~~:

an electronic link to provide access to said at least one book.

38. (Currently Amended) The system in Claim 20 wherein said reproduction workflows ~~book reproducer~~ comprises ~~for electronic books~~:

an electronic link to deliver said at least one book via an XML pipeline using CNF files to a predefined destination over a data network.